

WEEKLY REPORT

Supaporn Lonapalawong(卢金璇)

2019/04/15-2019/04/21

本周工作

- 阅读
 - 课程的论文（计算机科学与技术前沿）
- 电网项目
 - 阅读 cascading failure 相关的论文
- 南网项目
 - 周五晚上讨论项目的进展和任务安排
 - 做动态图（还没完成）
 - 阅读有关相关性分析的数据挖掘论文

下周工作计划

- 阅读、撰写文献综述（计算机科学与技术前沿）
- 阅读有关相关性分析的数据挖掘论文
- 学习 d3.js 和 react

参考文献

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2. X. Xu, X. He, Q. Ai and R. C. Qiu, "A Correlation Analysis Method for Power Systems Based on Random Matrix Theory," in *IEEE Transactions on Smart Grid*, vol. 8, no. 4, pp. 1811-1820, July 2017.
3. Teodorov, Georgi *et al.* "CORRELATION ANALYSIS OF EDUCATIONAL DATA MINING BY MEANS A POSTPROCESSOR'S TOOL." (2011).
4. Li, Tingshun & Tan, Wen & Li, Xiaojie. Data mining algorithm for correlation analysis of industrial alarms. *Cluster Computing*.(2017)
5. Cuadra, L.; Salcedo-Sanz, S.; Del Ser, J.; Jiménez-Fernández, S.; Geem, Z.W. A Critical Review of Robustness in Power Grids Using Complex Networks Concepts. *Energies* 2015, 8, 9211-9265.

6. J. Sánchez, R. Caire and N. Hadjsaid, "ICT and power distribution modeling using complex networks," *2013 IEEE Grenoble Conference*, Grenoble, 2013, pp. 1-6.

7. Bompard, Ettore & Wu, Di & Xue, Fei. (2011). Structural vulnerability of power systems: A topological approach. *Lancet*. 81. 1334-1340. 10.1016/j.epsr.2011.01.021.